



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Fischer, et al.

Application Serial No.: 10/621,557

Filed: 07/17/2003

For: Dynamic Assignment of Station Addresses Transmitted Over Shared-Communications Channels

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above-identified:

application,  
 patent

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

all powers of attorney previously given are hereby revoked and

**NEW POWER OF ATTORNEY**

We hereby appoint all of the following attorneys and agents of Thomas, Kayden, Horstemeyer & Risley, LLP, who are listed under the USPTO Customer Number shown below as my/our attorneys and agents to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys and agents listed under that Customer Number may be changed from time to time at the sole discretion of Thomas, Kayden, Horstemeyer & Risley, LLP, and request that all correspondence be addressed to the address filed under the same USTPO Customer Number

**24504**

and the following attorneys from Conexant Systems, Inc.

**Semion Talpalatsky, Reg. No. 35,380; Joseph H. Lee, Reg. No. 37,664.**

I hereby certify that this correspondence is being deposited with the United States Postal Service, as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on 8-1-05.

*Julie Campbell*

O I P T  
AUG 04 2005  
C S C  
U.S. PATENT & TRADEMARK OFFICE  
Direct correspondence and telephone calls to:

**Scott A. Horstemeyer, Esq.**  
**THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.**  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339  
770-933-9500

**ASSIGNEE OF ENTIRE INTEREST**

**CONEXANT SYSTEMS, INC.**  
4000 MacArthur Blvd.  
Department 927, K10-171  
Newport Beach, California 92660

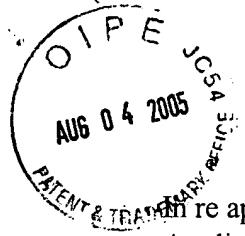
**ASSIGNEE CERTIFICATION**

The certification under 37 C.F.R. §3.73(b) establishing the right of assignee to take action is attached hereto along with documentation evidencing same.

Date: 6-28-05

Sam Talpalatsky  
Sam Talpalatsky  
Intellectual Property Counsel

Docket No.: 050337-1340 (05CXT0076WL)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Fischer, *et al.*

Application Serial No.: 10/621,557

Filed: 07/17/2003

For: Dynamic Assignment of Station Addresses Transmitted Over Shared-Communications  
Channels

Mail Stop  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

**IDENTIFICATION OF ASSIGNEE**

2. The assignee of this matter is:

**CONEXANT SYSTEMS, INC.**  
4311 Jamboree Road  
Department 927, M08 803  
Newport Beach, California 92660

**PERSON AUTHORIZED TO SIGN**

3. Scott A. Horstemeyer  
Attorney for Assignee

4. A chain of title from the inventor(s) to the current assignee is shown below:

- a. From: Maarten Menzo Wentink  
To: Intersil Americas Inc.  
Recorded in PTO: Reel: 014872 Frame: 0329
- b. From Intersil Americas, Inc.  
To: GlobespanVirata, Inc.  
Recorded in PTO: See Exhibit A evidencing assignment filed on July 25, 2005 with PTO. No Reel and Frame number has been assigned as of this date.
- c. From: GlobespanVirata, Inc.  
To: Conexant, Inc.  
Recorded in the PTO: See Exhibit B evidencing name changed filed on July 28, 2005. No Reel and Frame number has been assigned as of this date.

### DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

application  
 patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.



\_\_\_\_\_  
Scott A. Horstemeyer, Reg. No. 34,183

Tel. No. 770-933-9500  
Customer No.: 24504

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948

Docket No.: 050337-1320 (05CXT0072WL)



## STATUS INQUIRY

Docket Number (Optional)  
050337-1340

First Named Inventor: **Fischer, et al.**

Group Art Unit: **1724**

Application No.: **10/621,557**

Examiner:

Filed: **07/17/2003**

Confirmation No.: **1331**

Title: **Dynamic Assignment of Station Addresses Transmitted Over Shared-Communications Channels**

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

**WARNING:** Submission of a status letter after a Notice of Allowance may subject an application to a reduction in patent term adjustment under 37 C.F.R. 1.704(c)(10). See Notice of May 29, 2001, 1247 OG 111-112, June 26, 2001.

1. More than **24** months have passed since

NEW APPLICATIONS

the filing of this application on **07/17/2003**.

No communication has been received from the Patent and Trademark Office indicating action on this application.

(Note: Do not file a status inquiry until at least 18 months has elapsed with no communication from the PTO)

AMENDED APPLICATIONS

the filing of a response on

No further communication has been received from the Patent and Trademark office.

(Note: Do not file a status inquiry until 6 months has elapsed with no response from the PTO)

APPEALED APPLICATION

The Appeal Brief was filed on

### CERTIFICATE OF MAILING 37 CFR 1.8(a)

I hereby certify that this correspondence is being:



deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (703) 308-6916.

Date

8-1-05

Signature

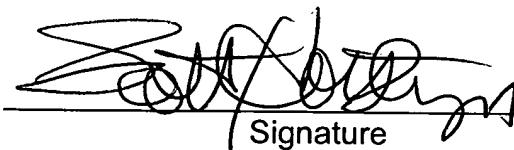
(check and complete applicable items below)

- An Examiner's Answer was mailed on
- A Reply to the Examiner's Answer was submitted on
- ALLOWED APPLICATIONS  
the mailing of FORM POL-327 and/or Examiner's Amendment on

2. Kindly advise the undersigned of the present status of this application.

08/01/05

Date



Signature

Telephone Number: (770) 933-9500

**Scott A. Horstemeyer, Reg. No. 34,183**

Typed or printed name

**Thomas, Kayden, Horstemeyer & Risley LLP**  
100 Galleria Parkway  
Suite 1750  
Atlanta, GA 30339

\*\*\*\*\*  
\*\*\* TX REPORT \*\*\*  
\*\*\*\*\*

TRANSMISSION OK

TX/RX NO	2525
CONNECTION TEL	
SUBADDRESS	
CONNECTION ID	
ST. TIME	07/25 10:39
USAGE T	05'52
PGS. SENT	17
RESULT	OK

"Exhibit "A"

# COPY ONLY

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies)

Intersil Corporation

Additional name(s) of conveying party(ies) attached?  Yes  No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 15, 2003

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

### 2. Name and address of receiving party(ies)

Name: GlobespanVirata, Inc.

Internal Address: \_\_\_\_\_

Street Address: 100 Schulz Drive

City: Red Bank

State: New Jersey

Country: USA

Zip: 07043

Additional name(s) & address(es) attached?  Yes  No

### 4. Application or patent number(s):

A. Patent Application No.(s)  
10/005,483 09/426,847 09/823,845 09/612,823

This document is being filed together with a new application.

B. Patent No.(s)  
5,896,053 5,712,870 5,654,991 5,883,921 5,732,105

Additional numbers attached?  Yes  No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Sam Talpalatsky

Internal Address: SB4-407

Street Address: 9868 Scranton Rd.

City: San Diego

State: CA

Zip: 92121

Phone Number: 858-713-3231

Fax Number: 858-713-3659

Email Address: sam.talpalatsky@conexant.com

### 6. Total number of applications and patents involved: 119

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 4760.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

### 8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 500835

Authorized User Name \_\_\_\_\_

### 9. Signature:

Sam Talpalatsky  
Signature

7/25/05

Date

Sam Talpalatsky 35,380

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

17

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
MSR Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, VA 22313-1450

# DO NOT RECORD

**ADDITIONAL PATENT APPLICATION AND PATENT NUMBERS FOR  
RECORDATION**

<b>PATENT APPLICATION NUMBERS</b>	<b>PATENT APPLICATION NUMBERS</b>
09/494,000	10/353,391
09/266,386	10/444,383
09/231,184	10/424,803
06/231,228	10/273,799
09/573,782	10/321,116
09/860,681	60/396,691
10/087,109	10/338,362
09/864,676	60/449,042
09/586,571	10/324,218
09/849,053	10/306,020
09/849,101	10/376,411
09/849,002	10/448,183
09/677,975	10/447,405
09/918,409	10/421,275
10/192,037	10/407,350
10/113,743	60/450,287
10/027,386	10/421,230
09/747,163	10/421,274
09/747,138	60/438,829
09/922,084	60/436,016
09/943,803	60/446,328
10/143,126	60/452,309
10/143,134	60/452,310
10/172,463	60/439,697
10/011,580	60/435,157
10/121,762	60/443,076
10/011,794	60/443,077
10/217,506	60/453,613
10/024,949	60/453,612
10/191,901	60/446,339
10/004,548	60/455,323
10/191,221	60/449,040
10/081,045	60/463,938
10/006,631	60/455,322
10/295,596	60/454,539
10/383,339	10/377,323
60/449,042	60/469,263
10/421,265	60/464,598
60/377,756	60/455,323
10/443,391	60/448,527
10/377,324	60/461,561

<b>PATENT APPLICATION NUMBERS</b>	<b>PATENT APPLICATION NUMBERS</b>
10/801,042	10/448,183
60/457,675	60/491,213
60/485,159	60/491,172
10/421,264	60/491,214

<b>PATENT NUMBERS</b>
6,635,949
6,756,656
6,803,849
6,842,607
5,675,339
5,606,288
5,717,243
5,812,029
5,982,807
5,999,080
5,883,565
6,563,858
6,377,608
6,577,670
6,233,273
6,172,556
6,346,856
6,452,452
6,405,022
6,560,448
6,580,591
6,426,677
6,600,372
6,570,427
6,529,047
6,538,513
6,573,802
6,538,507
6,344,762

## AFFIRMATION OF PATENT ASSIGNMENT

WHEREAS, Intersil Corporation, a Delaware corporation, and all its subsidiaries, specifically including Intersil Americas, Inc., located at 7585 Irvine Center Drive, Suite 100, Irvine, California, USA 92618, (collectively "Intersil"), owned the entire right, title and interest in and to the patent applications, invention disclosures and issued patents identified in Schedule A, attached hereto, and each and every invention contained and expressed therein, including each and every continuation, continuation-in-part, reissue, reexamination, extension, substitute or division of any of the patent applications listed in Schedule A (collectively the "Patent Property");

WHEREAS, Intersil, in accordance with the Asset Purchase Agreement dated July 15, 2003, and related documents, including the Intellectual Property Assignment and License Agreement, (collectively the "APA"), did sell, assign, transfer and convey to Globespanvirata, Incorporated, a Delaware corporation located at 100 Schulz Drive, Red Bank, New Jersey, USA 07701 (hereinafter "Globespan"), Intersil's entire right, title, and interest in and to the Patent Property;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration as set forth in the APA, the receipt and sufficiency of which is hereby acknowledged, Intersil affirms the assignment and transfer to Globespan of Intersil's entire right, title and interest in and to the Patent Property;

Intersil further acknowledges and confirms that Globespan may, solely in Globespan's name, conduct all necessary procedures for recording and registering this Affirmation of Patent Assignment with any Patent office, Intellectual Property office or other governmental agency throughout the world;

Intersil hereby further acknowledges and confirms that Intersil assigned to Globespan all claims, demands and causes of action for the past infringement of the Patent Property, including the right to collect damages for past infringement, or for unfair competition in business in connection therewith wheresoever or by whomsoever committed, the same to be held and enjoyed by Globespan, and Globespan's subsidiaries, affiliates, successors and assigns, as fully and entirely as the same would or could have been held and enjoyed by Intersil had the Assignment not been made;

Globespan formally declares to accept all right, title and interest in and to the Patent Property.

[SIGNATURES APPEAR ON NEXT PAGE]

INTERSIL CORPORATION

By:

  
Paul Bernkopf, Chief Patent Counsel and Secretary, Intersil Corporation  
on behalf of Intersil Corporation and all of its subsidiaries,  
specifically including Intersil Americas, Inc.

Date: 3/15/04, 2004

State of Florida)  
County Broward)

On this 15 day of September, 2004, before me PATRICIA M. Wiles, Notary  
(name and title of Officer), personally appeared Paul Bernkopf, Esq., personally known to me (or proved to me on  
the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and  
acknowledged to me he executed the same in his authorized capacity, and that by his signature on the instrument  
the person, or the entity upon the behalf of which the person acted, executed the instrument.



Patricia M. Wiles  
Notary Public

My Commission Expires: 10/18/04

GLOBESPANVIRATA, INCORPORATED

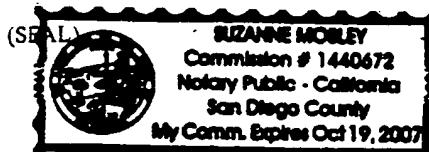
By:

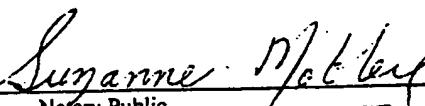
  
Signature Sam Talpalatsky, 35, 380  
Name: Sam Talpalatsky  
Title: Intellectual Property Counsel, GlobespanVirata, Inc.

Date: 7-22, 2004

State of California)  
Country of San Diego) July 2004

On this 22 day of September, 2004, before me Suzanne Mobley, Notary Public  
(name and title of Officer), personally appeared Sam Talpalatsky  
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is  
subscribed to the within instrument and acknowledged to me he executed the same in his authorized capacity,  
and that by his signature on the instrument the person, or the entity upon his behalf of which the person acted,  
executed the instrument.



  
Suzanne Mobley  
Notary Public  
My Commission Expires: 10-19-07

## Schedule A

### Pending U.S. Patent Applications

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1301-WR	10/005483	09-Nov-2001	HIGH DATA RATE SPREAD SPECTRUM TRANSCEIVER AND ASSOCIATED METHODS
SE-1417-WR	09/426847	26-Oct-1999	TRANSCEIVER INCLUDING REACTIVE TERMINATION TO IMPROVE CROSS-MODULATION PERFORMANCE AND RELATED METHODS
SE-1479-WR	09/823845	30-Mar-2001	RAKE RECEIVER WITH EMBEDDED DECISION FEEDBACK EQUALIZER
SE-1480-WR	09/612823	10-Jul-2000	RAPID ESTIMATION OF WIRELESS CHANNEL IMPULSE RESPONSE
SE-1481-WR	09/494000	28-Jan-2000	BIASED-CORRECTED RAKE RECEIVER FOR DIRECT SEQUENCE SPREAD SPECTRUM WAVEFORM
SE-1482-WR	09/266386	10-Mar-99	SUCCESSIVE APPROXIMATION CORRECTION OF DC OFFSET IN FILTER-BUFFER BASEBAND PATH OF DATA RADIO
SE-1492-WR	09/231184	28-Oct-2002	WIRELESS LOCAL AREA NETWORK SPREAD SPECTRUM TRANSCEIVER WITH MULTIPATH MITIGATION
SE-1500-WR	09/231228	14-Jan-1999	SPREAD SPECTRUM TRANSCEIVER FOR USE IN WIRELESS LOCAL AREA NETWORK AND HAVING MULTIPATH MITIGATION
SE-1520-WR	09/573782	17-May-2000	APPARATUS FOR RADIO FREQUENCY PROCESSING WITH DUAL MODULUS SYNTHESIZER
SE-1595-WR	09/860681	19-May-2001	CLOCK GENERATOR WITH A DIGITAL DIVIDE-BY-2.2 CIRCUIT

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1596-WR	10/087109	01-Mar-2002	INTEROPERABLE FORWARD ERROR CORRECTION IN A NETWORK WITH HETEROGENEOUS STATION CAPABILITIES
SE-1614-WR	09/864676	24-May-2001	A COMMUNICATION SYSTEM USING ORTHOGONAL WAVELET DIVISION MULTIPLEXING (OWDM) AND OWDM-SPREAD SPECTRUM (OWSS) SIGNALING
SE-1616-WR	09/586571	02-Jun-2000	A DUAL PACKET CONFIGURATION FOR WIRELESS COMMUNICATIONS
SE-1618-WR	09/849053	04-May-2001	SYSTEM AND METHOD FOR SYNCHRONIZING DATA TRANSMISSION ACROSS AN INTERFACE WITH VARIABLE TIMING
SE-1619-WR	09/849101	04-May-2001	A SYSTEM AND METHOD FOR PROVIDING A SELECTABLE RETRY STRATEGY FOR FRAME-BASED COMMUNICATIONS
SE-1620-WR	09/849002	04-May-2001	A SYSTEM AND METHOD OF REPETITIVE TRANSMISSION OF FRAMES FOR FRAME-BASED COMMUNICATIONS
SE-1622-WR	09/677975	02-Oct-2000	A CALIBRATED DC COMPENSATION SYSTEM FOR A WIRELESS COMMUNICATION DEVICE CONFIGURED IN A ZERO INTERMEDIATE FREQUENCY ARCHITECTURE
SE-1623-WR	09/918409	30-Jul-2001	PACKET ACQUISITION AND CHANNEL TRACKING FOR A WIRELESS COMMUNICATION DEVICE CONFIGURED IN A ZERO INTERMEDIATE FREQUENCY ARCHITECTURE
SE-1627-WR	10/192037	10-Jul-2002	FORWARD ERROR CORRECTION SYSTEM FOR WIRELESS COMMUNICATIONS
SE-1628-WR	10/113743	02-Apr-2002	A FREQUENCY CORRECTION SYSTEM FOR A WIRELESS DEVICE COMMUNICATING IN A WIRELESS LOCAL AREA NETWORK
SE-1629-WR	10/027386	21-Dec-2001	PRECISION AUTOMATIC GAIN CONTROL CIRCUIT
SE-1631-WR	09/747163	21-Dec-2000	QUADRATURE OSCILLATOR WITH PHASE ERROR CORRECTION

<b>Client Ref. No.</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Invention Title</b>
SE-1641-WR	09/747138	21-Dec-2000	SYSTEM AND METHOD FOR DETECTING AND CORRECTING PHASE ERROR BETWEEN DIFFERENTIAL SIGNALS
SE-1670-WR	09/922084	03-Aug-2001	WIRELESS NETWORK SITE SURVEY TOOL
SE-1732-TD			SYMMETRIC INDUCTING DEVICE FOR AN INTEGRATED CIRCUIT HAVING A GROUND SHIELD
SE-1735-WR	09/943803	31-Aug-2001	SYSTEM AND METHOD FOR ORDERING DATA MESSAGES HAVING DIFFERING LEVELS OF ORDORITY FOR TRANSMISSION OVER A SHARED COMMUNICATION CHANNEL
SE-1741-WR	10/143126	10-May-2002	MIXED WAVEFORM CONFIGURATION FOR WIRELESS COMMUNICATIONS
SE-1742-WR	10/143134	10-May-2002	WIRELESS COMMUNICATION SYSTEM CONFIGURED TO COMMUNICATE USING A MIXED WAVEFORM CONFIGURATION
SE-1748-WR	10/172463	14-Jun-2002	RAPID ACQUISITION AND TRACKING SYSTEM FOR A WIRELESS PACKET-BASED COMMUNICATION DEVICE
SE-1749-WR	10/011580	04-Dec-2001	TRANSMIT FREQUENCY DOMAIN EQUALIZER
SE-1751-WR	10/121762	12-Apr-2002	INTELLIGENT CONTROL ALGORITHM FOR DECIDING WHEN TO EMPLOY COMPENSATION ALGORITHMS IN A WIRELESS INDOOR COMMUNICATIONS SYSTEM
SE-1752-WR	10/011794	04-Dec-2001	SOFT-DECISION GAIN COMPENSATION FOR RECEIVE FILTER ATTENUATION
SE-1754-WR	10/217506	13-Aug-2002	METHOD AND SYSTEM FOR DETERMINING TAP GAIN VALUES FOR A TRANSMIT FREQUENCY DOMAIN EQUALIZER TO ACHIEVE UNITY POWER GAIN
SE-1755-WR	10/024949	18-Dec-2001	AN EFFICIENT MULTI-RATE, CLOSED-LOOP TRANSMIT POWER CONTROL SCHEME FOR WIRELESS OFDM PACKET COMMUNICATIONS

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1758-WR	10/191901	09-Jul-2002	SINGLE-CARRIER TO MULTI-CARRIER WIRELESS ARCHITECTURE
SE-1760-BW	10/004548	04-Dec-2001	MULTIHOP, MULTI-CHANNEL, WIRELESS COMMUNICATION NETWORK WITH SCHEDULED TIME SLOTS
SE-1761-WR	10/191221	09-Jul-2002	SAMPLE RATE CHANGE BETWEEN SINGLE-CARRIER AND MULTI-CARRIER WAVEFORMS
SE-1766-WR	10/081045	22-Feb-2002	THRESHOLD DETECTOR FOR DETECTING SYNCHRONIZATION SIGNALS AT CORRELATOR OUTPUT DURING PACKET ACQUISITION
SE-1768-BW	10/006631	04-Dec-2001	FORWARDING COMMUNICATION NETWORK AND WIRELESS CHANNEL ALLOCATION METHOD THEREFOR
SE-1783-WR	10/295596	15-Nov-2002	TRANSMISSION PROTECTION FOR COMMUNICATIONS NETWORKS HAVING STATIONS OPERATING WITH DIFFERENT MODULATION FORMATS
SE-1789-TD			INDUCTOR DEVICE WITH PATTERNED GROUND SHIELD AND RIBBING
SE-1790-TD			SOLID STATE INDUCTING DEVICE
SE-1795-WR	10/383339	07-Mar-2003	SHARED-COMMUNICATIONS CHANNEL UTILIZATION FOR APPLICATIONS HAVING DIFFERENT CLASS OF SERVICE REQUIREMENTS
SE-1798-WR	60/449042	21-Feb-2003	FAST OFDM CARRIER TRACKER
SE-1877-WR	10/421265	23-Apr-2003	PARTITIONED MEDIUM ACCESS CONTROL
SE-1878-WR		22-May-2003	NETWORK ACCESS POINT FOR PROVIDING MULTIPLE LEVELS OF SECURITY

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1879			NETWORK ACCESS POINT FOR PROVIDING MULTIPLE LEVELS OF SECURITY
SE-1885-WR	10/377324	28-Feb-2003	TRANSMIT POWER MANAGEMENT IN SHARED-COMMUNICATIONS CHANNEL NETWORKS
SE-1889-WR	10/353391	29-Jan-2003	DIRECT LINK PROTOCOL IN WIRELESS LOCAL AREA NETWORKS
SE-1890-WR		23-May-2003	MULTI-PROTOCOL INTERCHIP INTERFACE
SE-1895-WR		23-May-2003	COORDINATION OF COMPETING PROTOCOLS
SE-1896-WR	10/424803	26-Apr-2003	SECURE TELECOMMUNICATONS SYSTEM FOR WIRELESS LOCAL AREA NETWORKS
SE-1897-WR	10/273799	18-Oct-2002	EFFICIENCY IMPROVEMENT FOR SHARED COMMUNICATIONS NETWORKS
SE-1904-WR	10/321116	17-Dec-2002	HIGH FREQUENCY DIFFERENTIAL VOLTAGE CONTROLLED OSCILLATOR
SE-1905-WR	60/396691	17-Jul-2002	DISTRIBUTED, DYNAMIC ASSIGNMENT OF STATION MAC ADDRESSES FOR (WIRELESS) LAN
SE-1907-WR	10/338362	08-Jan-2003	ADAPTIVE GAIN AND PHASE IMBALANCE CANCELLATION
SE-1908-WR	60/449042	21-Feb-2003	FAST OFDM CARRIER TRACKER
SE-1909-WR	10/324218	19-Dec-2002	WIRELESS RECEIVER FOR SORTING PACKETS

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1911-WR	10/306020	27-Nov-2002	WEAVER MODULATOR AND DEMODULATOR IMPLEMENTATION
SE-1912-WR	10/376411	28-Feb-2003	EMBEDDING CLASS OF SERVICE INFORMATION IN MAC CONTROL FRAMES
SE-1915-WR		29-May-2003	ADAPTIVE TRANSMISSION RATE AND FRAGMENTATION THRESHOLD MECHANISM FOR LOCAL AREA NETWORKS
SE-1916-WR		29-May-2003	A MECHANISM FOR SHARING A DIVERSITY ANTENNA SYSTEM BETWEEN COLOCATED 802.11 AND BLUETOOTH RADIOS
SE-1917-WR	10/421275	23-Apr-2003	ACHIEVING HIGH PRIORITY AND BANDWIDTH EFFICIENCY IN A SHARED COMMUNICATIONS MEDIUM
SE-1920-WR	10/407350	04-Apr-2003	FASTER ZIF AGC/DC ALGORITHM
SE-1922-WR	60/450287	27-Feb-2003	LOW POWER BARKER-MODULATED SIGNAL DETECTOR
SE-1923-WR	10/421230	23-Apr-2003	LIMITED CONTENDER QUEUE (LCQ)
SE-1927-WR	10/421274	23-Apr-2003	OPTIMIZATION OF TRANSMISSIONS ON A SHARED COMMUNICATIONS CHANNEL
SE-1931-WR	60/438829	09-Jan-2003	COMPLEX MATCHING CIRCUIT TO SUPPRESS SECOND HARMONIC ENERGY IN DUAL BAND POWER AMPLIFIERS
SE-1931-WR	60/436016	20-Dec-2002	COMPLEX MATCHING CIRCUIT TO SUPPRESS SECOND HARMONIC ENERGY IN DUAL BAND POWER AMPLIFIERS
SE-1938-WR	60/446328	10-Feb-2003	UPPER-TO-LOWER INTERFACE BUS

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1939-WR	60/452309	05-Mar-2003	A MECHANISM FOR COLLABORATION AND INTERFERENCES PREVENTION BETWEEN 802.11 AND BLUETOOTH THROUGH ADVANCE REQUEST FOR ACCESS FROM BLUETOOTH TO 802.11
SE-1940-WR	60/452310	05-Mar-2003	A MECHANISM FOR COLLABORATION AND INTERFERENCE PREVENTION BETWEEN 802.11 AND BLUETOOTH THROUGH ADVANCE NOTIFICATION OF IDLE TIME FROM 802.11 MAC
SE-1941-WR	60/439697	14-Jan-2003	DYNAMIC ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING PROTECTION METHODS FOR ACCESS POINTS
SE-1942-WR	60/436157	23-Dec-2002	RF POWER AMPLIFIER BIAS MANAGEMENT SYSTEM
SE-1948-WR	60/443076	28-Jan-2003	ANTENNA DIVERSITY METHOD
SE-1949-WR	60/443077	28-Jan-2003	SOFTWARE-BASED ANTENNA DIVERSITY ALGORITHM FOR WLAN APPLICATIONS
SE-1951-WR	60/453613	11-Mar-2003	INTER-RADIO SIGNALLING WITH A HOST COMPUTER
SE-1952-WR		30-May-2003	TECHNIQUE FOR ACHIEVING CONNECTIVITY BETWEEN TELECOMMUNICATION STATIONS
SE-1957-WR	60/446339	10-Feb-2003	PARTIAL QUEUING USING AN INTERFACE WITH BOUNDED LATENCY
SE-1958-WR			TECHNIQUE FOR STEERING AN ANTENNA SYSTEM
SE-1959-WR	60/449040	21-Feb-2003	FLICKER (1/f) NOISE CANCELLER FOR USE IN WIDEBAND COMMUNICATIONS SYSTEMS
SE-1959-WR	60/463938	18-Apr-2003	FLICKER (1/f) NOISE CANCELLER FOR USE IN WIDEBAND COMMUNICATIONS SYSTEMS

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1961-WR	60/455322	17-Mar-2003	BACKOFF SUBSTITUTION ON A SHARED COMMUNICATION CHANNEL
SE-1962-WR	60/454539	13-Mar-2003	ON-NIC FLASH STORAGE FOR NIC DRIVER
SE-1967-WR	10/377323	28-Feb-2003	EMBEDDING CLASS OF SERVICE INFORMATION IN MAC CONTROL FRAMES
SE-1969-WR			VARIABLE-WIDTH MODULATION SCHEMES FEATURING BACKWARD-COMPATIBLE LOCAL AREA NETWORK OPERATION
SE-1970-WR	60/464598	22-Apr-2003	TUNING 802.11a FOR NARROW CHANNELS
SE-1973-WR	60/455323	17-Mar-2003	TECHNIQUE FOR STEERING AN ANTENNA SYSTEM
SE-1973-WR	60/448527	18-Feb-2003	TECHNIQUE FOR STEERING AN ANTENNA SYSTEM
SE-1974-WR		08-Apr-2003	WIRELESS LAN RADAR DETECTOR MISSING PULSE CAPABILITY
SE-1975-WR		09-May-2003	VARIABLE-WIDTH MODULATION SCHEMES FEATURING BACKWARD-COMPATIBLE LOCAL AREA NETWORK OPERATION
SE-1976-WR		26-Mar-2003	DCT PROGRESSIVE RESERVATION MECHANISM (DPRM)
SE-1984-WR		08-Jul-2003	ADAPTIVE FREQUENCY EQUALIZER
SE-1990-WR	10/421264	23-Apr-2003	SHARED-MEDIUM CONTENTION ALGORITHM EXHIBITING FAIRNESS

Client Ref. No.	Application Number	Filing Date	Invention Title
SE-1992-WR		29-May-2003	ADAPTIVE TRANSMISSION RATE AND FRAGMENTATION THRESHOLD MECHANISM FOR LOCAL AREA NETWORKS
SE-2000-WR	50/xxx.xxx	30-Jul-2003	USE OF OUI TO CONVEY INFORMATION IN A WIRELESS NETWORK
SE-2001-WR			INTELLIGENT DOWNSTREAM TRAFFIC DELIVERY TO MULTI-PROTOCOL STATIONS
SE-2002-WR		30-Jul-2003	MANAGING COEXISTENCE OF SEPARATE PROTOCOLS SHARING THE SAME COMMUNICATIONS CHANNEL
SE-2003-WR		30-Jul-2003	MANAGING VIA AN ACCESS POINT COEXISTENCE OF SEPARATE PROTOCOLS SHARING THE SAME COMMUNICATIONS CHANNEL

Issued U.S. Patents

Client Ref. No.	Application Number	Filing Date	Patent Number	Issue Date	Invention Title
SE-1076-WR	08/873899	13-Jun-1997	5896053	20-Apr-1999	SINGLE ENDED TO DIFFERENTIAL CONVERTER AND 50% DUTY CYCLE SIGNAL GENERATOR AND METHOD
SE-1147-TL	08/509462	31-Jul-95	5712870	27-Jan-98	PACKET HEADER GENERATION AND DETECTION CIRCUITRY
SE-1148-WR	08/509588	31-Jul-1995	5654991	05-Aug-1997	FAST ACQUISITION BIT TIMING LOOP CIRCUIT METHOD AND APPARATUS
SE-1149-WR	08/509587	31-Jul-1995	5883921	16-Mar-1999	SHORT BURST ACQUISITION CIRCUIT AND METHOD FOR DIRECT SEQUENCE SPREAD SPECTRUM LINKS
SE-1150-WR	08/509586	31-Jul-1995	5732105	24-Mar-1998	A METHOD OF ESTIMATING SIGNAL QUALITY FOR A DIRECT SEQUENCE SPREAD SPECTRUM RECEIVER DEVICE
SE-1151-WR	08/509589	31-Jul-1995	5675339	07-Oct-1997	A/D REFERENCE LEVEL ADJUSTMENT CIRCUIT TO MAINTAIN OPTIMUM DYNAMIC RANGE AT THE A/D
SE-1153-WR	08/512405	08-Aug-1995	5606288	25-Feb-1997	DIFFERENTIAL TRANSIMPEDANCE AMPLIFIER
SE-1164	637132	24-Apr-1996	5717243	10-Feb-1998	INTEGRATED CIRCUIT WITH AN IMPROVED INDUCTOR STRUCTURE AND METHOD OF FABRICATION
SE-1234-WR	08/725924	04-Oct-1996	5812029	22-Sep-1998	GAIN CONTROL CIRCUIT AND METHOD
SE-1301-WR	08/819846	17-Mar-1997	5982807	09-Nov-1999	HIGH DATA RATE SPREAD SPECTRUM TRANSCEIVER AND ASSOCIATED METHODS

Client Ref. No.	Application Number	Filing Date	Patent Number	Issue Date	Invention Title
SE-1322-WR	09/246815	09-Feb-1999	5999080	07-Dec-1999	FREQUENCY DEPENDENT RESISTIVE ELEMENT
SE-1322-WR	08/941704	01-Oct-1997	5883565	16-Mar-1999	FREQUENCY DEPENDENT RESISTIVE ELEMENT
SE-1407-WR	09/231608	14-Jan-1999	6563858	13-May-2003	METHOD OF PERFORMING ANTENNA DIVERSITY IN SPREAD SPECTRUM IN WIRELESS LOCAL AREA NETWORK
SE-1453-WR	09/163802	30-Sep-1998	6377608	23-Apr-2002	PULSED BEACON-BASED INTERFERENCE REDUCTION MECHANISM FOR WIRELESS COMMUNICATION NETWORKS
SE-1454-WR	09/378532	20-Aug-1999	6577670	10-Jun-2003	PROGRAMMABLE FILTERING MECHANISM TO ALLOW BANDWIDTH OVERLAP BETWEEN DIRECT SEQUENCE SPREAD SPECTRUM COMMUNICATION DEVICE AND FREQUENCY-HOPPING TRANSMITTER
SE-1479-WR	09/342583	29-Jun-1999	6233273	15-May-2001	RAKE RECEIVER WITH EMBEDDED DECISION FEEDBACK EQUALIZER
SE-1488-WR	09/261981	04-Mar-1999	6172556	09-Jan-2001	FEEDBACK-CONTROLLED LOW VOLTAGE CURRENT SINK/SOURCE
SE-1489-WR	09/571822	16-May-2000	6346858	12-Feb-2002	AN ULTRA LINEAR HIGH FREQUENCY TRANSCONDUCTOR STRUCTURE
SE-1510-WR	09/612848	10-Jul-2000	6452452	17-Sep-2002	NEGATIVE FEEDBACK GAIN CONTROL FOR COMMON ELECTRODE TRANSISTOR
SE-1519-WR	09/572417	17-May-2000	6405022	11-Jun-2002	APPARATUS FOR RADIO FREQUENCY PROCESSING WITH SINGLE OSCILLATOR FOR INTERMEDIATE FREQUENCY PROCESSING
SE-1621-WR	09/678901	02-Oct-2000	6560448	06-May-2003	DC COMPENSATION SYSTEM FOR A WIRELESS COMMUNICATION DEVICE CONFIGURED IN A ZERO INTERMEDIATE FREQUENCY ARCHITECTURE

Client Ref. No.	Application Number	Filing Date	Patent Number	Issue Date	Invention Title
SE-1632-WR	09/746736	21-Dec-2000	6580591	17-Jun-2003	SWITCHED ELECTROSTATIC DISCHARGE RING FOR INTEGRATED CIRCUITS WITH MULTIPLE POWER INPUTS
SE-1633-WR	09/952184	14-Sep-2001	6426677	30-Jul-2002	LINEARIZATION BIAS CIRCUIT FOR BJT AMPLIFIERS
SE-1642-WR	10/007479	03-Dec-2001	6600372	29-Jul-2003	ATTENUATOR CONTROL CIRCUIT
SE-1659-WR	09/943668	31-Aug-2001	6570427	27-May-2003	A VARIABLE TRANSCONDUCTANCE AMPLIFIER
SE-1664-WR	09/911060	23-Jul-2001	6529047	04-Mar-2003	MIXER DRIVER CIRCUIT
SE-1669-WR	10/005096	03-Dec-2001	6538513	25-Mar-2003	COMMON MODE OUTPUT CURRENT CONTROL CIRCUIT AND METHOD
SE-1673-WR	09/944000	31-Aug-2001	6573802	03-Jun-2003	SINGLE-ENDED TO DIFFERENTIAL AND DIFFERENTIAL TO SINGLE-ENDED CONVERSION USING A COMMON MODE SHUNT
SE-1696-WR	10/079983	21-Feb-2002	6538507	25-Mar-2003	AN AUTOMATIC GAIN CONTROL CIRCUIT WITH HIGH LINEARITY AND MONOTONICALLY CORRELATED OFFSET VOLTAGE
SE-1630-WR	09/747321	21-Dec-2000	6344762	05-Feb-2002	BIAS CIRCUIT FOR A LOW VOLTAGE DIFFERENTIAL CIRCUIT

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\*\*\* TX REPORT \*\*\*  
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RESULT	OK

"Exhibit "B"

# COPY ONLY

Form PTO-1595 (Rev. 03/05)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

GLOBESPANVIRATA, INC.

Additional name(s) of conveying party(ies) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) May 28, 2004

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmation License
- Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: CONEXANT, INC.

Internal Address: \_\_\_\_\_

Street Address: 100 Schulz Drive

City: Red Bank

State: New Jersey

Country: USA

Zip: 07701

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

10/005,483 09/426,847 09/823,845 09/612,823

B. Patent No.(s)

5,896,053 5,712,870 5,654,991 5,883,921 5,732,105

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Sam Talpalatsky

Internal Address: SB4-407

Street Address: 9868 Scranton Rd.

City: San Diego

State: CA Zip: 92121

Phone Number: 858-713-3231

Fax Number: 858-713-3659

Email Address: sam.talpalatsky@conexant.com

**6. Total number of applications and patents involved:** 119

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 4760.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 500635

Authorized User Name \_\_\_\_\_

**9. Signature:**

Sam Talpalatsky

Signature

7/28/05

Date

Sam Talpalatsky 35,380

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

# DO NOT RECORD

**ADDITIONAL PATENT APPLICATION AND PATENT NUMBERS FOR  
RECORDATION**

<b>PATENT APPLICATION NUMBERS</b>	<b>PATENT APPLICATION NUMBERS</b>
09/494,000	10/353,391
09/266,386	10/444,383
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60/485,159	60/491,172
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# Delaware

PAGE 1

*The First State*

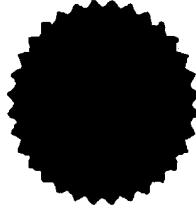
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "GLOBESPANVIRATA, INC.", CHANGING ITS NAME FROM "GLOBESPANVIRATA, INC." TO "CONEXANT, INC.", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF MAY, A.D. 2004, AT 2:28 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF AMENDMENT IS THE TWENTY-EIGHTH DAY OF MAY, A.D. 2004, AT 6 O'CLOCK P.M.

2631885 8100

040400599



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3142937

DATE: 06-01-04

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 02:28 PM 05/28/2004  
FILED 02:28 PM 05/28/2004  
SERV 040400599 - 2631885 FILE  
**CERTIFICATE OF AMENDMENT**  
**OF CERTIFICATE OF INCORPORATION OF**  
**GLOBESPANVIRATA, INC.**

GlobespanVirata, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation").

DOES HEREBY CERTIFY:

FIRST: That by vote of the members of the board of directors of the Corporation, resolutions were duly adopted setting forth a proposed amendment of the Certificate of Incorporation of the Corporation and declaring said amendment to be advisable. The resolution setting forth the proposed amendment is as follows:

RESOLVED, that, upon approval of the sole stockholder of the Corporation, Article I of the Corporation's Certificate of Incorporation be amended to read in its entirety as follows:

"The name of the Corporation is Conexant, Inc. (the "Corporation")."

SECOND: That at a duly held meeting and vote of the sole stockholder of the Corporation, said amendment was duly adopted in accordance with the applicable provisions of Section 242 of the General Corporation Law of the State of Delaware.

THIRD: This Certificate of Amendment shall become effective at 6:00 p.m. Eastern Time on May 28, 2004.

IN WITNESS WHEREOF, said the Corporation has caused this certificate to be signed by its President and Chief Executive Officer this 28<sup>th</sup> day of May, 2004.

By: \_\_\_\_\_ /S/ Armando Geday \_\_\_\_\_

Armando Geday  
President and Chief Executive Officer